

CONFIDENTIAL

MASTER 3119

\*\*\*\*\* UNITED STATES ATOMIC ENERGY COMMISSION \*\*\*\*\*

UNCLASSIFIED

TID-3609

**LEGAL NOTICE**  
This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:  
A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or  
B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.  
As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

SPECIAL REREVIEW FINAL DETERMINATION Class: <u>4</u>	Reviewers	Class.	Date
	<u>BRM</u>	<u>4</u>	<u>12-4-81</u>
	<u>TR</u>	<u>4</u>	<u>12-8-81</u>

STACK GAS MONITORING

A Literature Search Compiled by Theodore F. Davis

**LEGAL NOTICE**

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

A. Makes any warranty or representation, express or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or

B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission to the extent that such employee or contractor prepares, handles or distributes, or provides access to, any information pursuant to his employment or contract with the Commission.

September 1958

Classification Cancelled

Or Changed To

UNCLASSIFIED

By Authority Of

D. D. C.

By

C. S. Patten

Date

10/26/71

\*\*\*\*\* Technical Information Service Extension, Oak Ridge, Tennessee \*\*\*\*\*

2 001

CONFIDENTIAL

UNCLASSIFIED



LEGAL NOTICE

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

A. Makes any warranty or representation, express or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or

B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission to the extent that such employee or contractor prepares, handles or distributes, or provides access to, any information pursuant to his employment or contract with the Commission.

Do not  
disturb



UNCLASSIFIED

TID-3609

## STACK GAS MONITORING

This literature search was compiled to fill a specific request. It is being issued in report form in view of the extensiveness of the search and in anticipation of increased interest in the subject.

The 54 unclassified and 20 classified references listed contain information on monitoring techniques, instruments, and stations; stack operation; and theory of stack gas disposal. Papers on sampling and cleaning of stack gases and the meteorological factors in stack gas disposal have been excluded.

### UNCLASSIFIED REFERENCES

#### Argonne National Lab., Lemont, Ill.

PRELIMINARY INVESTIGATIONS OF STACK HEIGHT. Carl F. Leyse.  
Jan. 17, 1950. Decl. Dec. 16, 1955. 7p. (ANL-EKF-31) UNCLASSIFIED

MTR EXTERNAL AIR SYSTEM. C. F. Leyse. Feb. 14, 1950. Decl. Jan. 12, 1956. 24p. (ANL-EKF-40) UNCLASSIFIED

STACK DESIGN FOR THE MTR. Carl F. Leyse. Mar. 16, 1950.  
Decl. Dec. 7, 1955. 9p. (ANL-EKF-45) UNCLASSIFIED

DEVELOPMENT OF EQUIPMENT FOR DETECTION OF ATMOSPHERIC XENON.  
S. A. Kline. Jan. 19, 1945. Decl. Feb. 14, 1956. 21p. (CE-2674)  
UNCLASSIFIED \$4.80(ph OTS); \$2.70(mf OTS).

TECHNOLOGICAL RESEARCH. PHYSICS. REPORT FOR MONTH ENDING JUNE 26, 1943.  
V. C. Wilson. Decl. July 22, 1954. (CT-757) UNCLASSIFIED

Atomic Energy Commission, Washington, D. C.  
THE REACTOR HANDBOOK. VOL. 2. ENGINEERING. J. F. Hogerton and R. C. Grass,  
eds. Sept. 1953. Decl. with deletions May, 1955. 1083p. (AECD-3646)  
UNCLASSIFIED \$5.50(GPO).

#### Brookhaven National Lab., Upton, N. Y.

MONITOR FOR AIRBORNE RADIOACTIVE DUST. J. B. H. Kuper, W. Bernstein, and  
E. H. Foster. (n.d.) 8p. (AECU-800) UNCLASSIFIED Nucleonics 6, No. 4,  
44-7(1950).

UNCLASSIFIED



Brookhaven National Lab., Upton, N. Y.

THE THEORETICAL GROUND-LEVEL DOSE-RATE FROM THE RADIOARGON EMITTED BY THE BROOKHAVEN REACTOR STACK. Philip H. Lowry. July 1950. 33p. (BNL-81) UNCLASSIFIED \$6.30(ph OTS); \$3.00(mf OTS).

A COMPARISON OF COMPUTED AND MEASURED GROUND-LEVEL DOSE RATES FROM RADIOARGON EMITTED BY THE BROOKHAVEN REACTOR STACK. Irving A. Singer. May 1954. 42p. (BNL-292) UNCLASSIFIED \$6.50(ph OTS); \$2.75(mf OTS).

AREA SURVEY MANUAL. AREA RADIATION DETECTION INSTRUMENTATION, MAINTENANCE, AND RESULTS. Max M. Weiss. Jan. 1, 1952. Revised June 15, 1955. 152p. (BNL-344) UNCLASSIFIED \$0.95(OTS).

A RADIATION MONITOR FOR MEASURING <sup>41</sup>L BETA RADIATION DOSAGE AT BROOKHAVEN NATIONAL LABORATORY. Aaron P. Sanders. March 1953. 30p. (BNL-1304) UNCLASSIFIED \$6.30(ph OTS); \$3.00(mf OTS).

BETA RADIATION DOSAGE MEASUREMENTS. Julia S. Marshall. (nd) 22p. (BNL-1505) UNCLASSIFIED \$3.30(ph OTS); \$2.40(mf OTS).

VENTILATION SYSTEM OF THE HOT LABORATORY BUILDING AT BROOKHAVEN NATIONAL LABORATORY. L. G. Stang, Jr. June 22, 1949. Dec1. Oct. 10, 1956. 12p. (M-4380) UNCLASSIFIED

California. Univ., Los Angeles. Atomic Energy Project. RADIOARGON EFFLUENT FROM THE STACK OF THE MEDICAL RESEARCH REACTOR. M. A. Greenfield, A. Norman, and D. P. Gamble. Sept. 26, 1955. 12p. (UCLA-344) UNCLASSIFIED \$1.80(ph OTS); \$1.80(mf OTS).

Division of Reactor Development, AEC.

FOURTH ATOMIC ENERGY COMMISSION AIR CLEANING CONFERENCE HELD AT ARGONNE NATIONAL LABORATORY, NOVEMBER 1955. 320p. (TID-7513(Pt. I)) UNCLASSIFIED \$1.50(OTS).

FIFTH ATOMIC ENERGY COMMISSION AIR CLEANING CONFERENCE HELD AT HARVARD AIR CLEANING LABORATORY, BOSTON, JUNE 24-27, 1957. 163p. (TID-7551) UNCLASSIFIED \$2.00(OTS).

Du Pont de Nemours (E. I.) and Co. Savannah River Lab.,  
Augusta, Ga.

SAVANNAH RIVER PLANT STACK GAS DISPERSION AND MICROCLIMATE SURVEY. L. L. Falk, C. B. Cave, W. R. Chalker, J. A. Greene, and C. W. Thorngate. Jan. 1953. 155p. (DP-19) UNCLASSIFIED



Du Pont de Nemours (E. I.) and Co. Savannah River Lab.,  
Augusta, Ga.

IODINE STACK MONITOR. B. M. Carmichael and D. G. Karraker.  
 Aug. 1955. 7p. (DP-129) UNCLASSIFIED \$0.10(OTS).

General Electric Co. Aircraft Nuclear Propulsion Dept.,  
 Cincinnati.  
 CLOUD DOSAGE CALCULATIONS. R. L. Waterfield. Apr. 5, 1954. 11p.  
 (APEX-179;XDC-54-4-12) UNCLASSIFIED

General Electric Co. Atomic Power Equipment Dept.  
 Schenectady, N. Y.  
 ENGINEERING TEST REACTOR ENGINEERING DESIGN AND SAFEGUARDS REPORT.  
 July 1956. 347p. (IDO-24020; GEAP-0554; KE-56-19-R) UNCLASSIFIED  
 \$1.75(OTS).

General Electric Co. Hanford Atomic Products Operation,  
Richland, Wash.

PRELIMINARY REPORT ON EXISTING ACTIVE PARTICLE HAZARD-200 AREAS.  
 M. L. Mickelson. October 22, 1947. Decl. April 30, 1957. 3p. (HW-7865)  
 UNCLASSIFIED

GROUND LEVEL CONCENTRATIONS IN THE VICINITY OF A 185 FT. STACK. B. Shorr.  
 April 20, 1953. Changed from OFFICIAL USE ONLY Jan. 23, 1957. 20p.  
 (HW-27781) UNCLASSIFIED \$3.30(ph OTS); \$2.40(mf OTS).

MANUAL OF RADIATIONS MONITORING PRACTICES. July 23, 1953. 244p.  
 (HW-28802) UNCLASSIFIED

IODINE<sup>131</sup> GAMMA SCINTILLATION MONITOR. Interim Report. A. E. Smith  
 and G. J. Alkire. Nov. 14, 1955. 7p. (HW-39966) UNCLASSIFIED  
 \$1.80(ph OTS); \$1.80(mf OTS).

RADIOLOGICAL MONITORING OF AIR: A TITLE LISTING. M. F. Orr and  
 R. V. Winsor. Jan. 15, 1958. 10p. (HW-54567) UNCLASSIFIED

Harvard Univ., Boston. Air Cleaning Lab.  
 STACK EFFLUENT TESTS ON BOMAEC-30 AND BOMAEC-100 INCINERATORS. Progress  
 Report. Richard Dennis, William R. Samples, and Leslie Silverman. Sept. 9,  
 1955. 43p. (M-5832) UNCLASSIFIED



Idaho Operations Office, AEC  
 ENVIRONMENTAL ASPECTS OF THE MATERIALS TESTING REACTOR OPERATION.  
 METEOROLOGY OF MTR HAZARDS. P. A. Humphrey and E. M. Wilkins,  
 Weather Bureau, Idaho Falls, Idaho; GEOLOGY AND GROUND WATER AT  
 SITE 2A, REACTOR TESTING STATION, IDAHO. J. R. Jones and P. T.  
 Voegeli, Geological Survey. Dec. 1952. Dec. 5, 1955. 122p.  
 (IDO-10016) UNCLASSIFIED

Johns Hopkins Univ., Baltimore, Maryland.  
 BEHAVIOR OF INSTITUTIONAL INCINERATORS WHEN USED TO BURN RADIOACTIVE  
 WASTES: FINAL PROJECT REPORT FOR AUGUST 1, 1950--NOVEMBER 1, 1952.  
 C. W. Kruse, P. V. Freese, A. Machis, and V. C. Behn. Nov. 1, 1952.  
 58p. (NYO-4517) UNCLASSIFIED \$9.30(ph OTS); \$3.60(mf OTS).

Knolls Atomic Power Lab., Schenectady, N. Y.

SEMIANNUAL PROGRESS REPORT OF DEVELOPMENT ACTIVITIES IN THE HEALTH PHYSICS  
 UNIT; JULY--DECEMBER 1951. KAPL Staff. Jan. 1952. 37p. (KAPL-679)  
 UNCLASSIFIED

SEMIANNUAL PROGRESS REPORT OF RADIOLOGICAL DEVELOPMENT ACTIVITIES  
 IN THE HEALTH AND SAFETY UNIT FOR JANUARY--JUNE 1952. KAPL Health  
 and Safety Unit Staff. July 1952. Dec. March 29, 1957. 58p.  
 (KAPL-814) UNCLASSIFIED \$7.80(ph OTS); \$3.30(mf OTS).

RADIOLOGICAL DEVELOPMENT ACTIVITIES IN THE HEALTH AND SAFETY UNIT:  
 SEMIANNUAL PROGRESS REPORT FOR JULY--DECEMBER 1952. Jan. 1953.  
 Dec. Feb. 7, 1957. 80p. (KAPL-863) UNCLASSIFIED \$9.30(ph OTS);  
 \$3.60(mf OTS).

KAPL AIR CLEANING PROGRAM. L. J. Cherubin and J. J. Fitzgerald.  
 Jan. 4, 1954. Changed from OFFICIAL USE ONLY June 3, 1957. 44p.  
 (KAPL-1014) UNCLASSIFIED \$0.75(OTS).

EVALUATION OF KAPL SEPARATIONS PROCESS STACK EFFLUENT. J. J. Fitzgerald.  
 Jan. 5, 1954. Dec. Aug. 22, 1957. 29p. (KAPL-1015) UNCLASSIFIED

Massachusetts Inst. of Tech., Cambridge. Servomechanisms Lab.  
 and Jackson and Moreland (Engineers), New York.  
 MANUAL OF INSTRUMENTS AND CONTROLS FOR THE BROOKHAVEN NUCLEAR REACTOR.  
 BOOK 3, VOL. II. May 1949. Dec. Jan. 11, 1956. 225p. (M-4416)  
 UNCLASSIFIED \$34.80(ph OTS); \$9.90(mf OTS).



Oak Ridge Gaseous Diffusion Plant, Tenn.  
 CONTINUOUS BETA-GAMMA AIR MONITOR FOR K-1004-J. B. J. Bogardus.  
 June 7, 1949. Decl. Nov. 28, 1955. 21p. (K-418) UNCLASSIFIED  
 \$4.80(ph OTS); \$2.70(mf OTS).

Oak Ridge National Lab., Tenn.

EVALUATION OF A COTTRELL ELECTROSTATIC PRECIPITATOR ON A RADIOCHEMICAL  
 PROCESS OFF-GAS SYSTEM. J. C. Suddath. Nov. 26, 1951. Decl. Jan. 14,  
 1952. 39p. (AECD-3295; ORNL-1082) UNCLASSIFIED \$0.25(OTS).

205 STACK GAS MONITORING. S. E. Beall and J. W. Adams. December 5,  
 1944. Decl. Mar. 5, 1956. 19p. (CE-2205) UNCLASSIFIED

AN ESTIMATE OF THE EXPOSURE FROM SPECKS OF INSOLUBLE RADIO-  
 ACTIVE MATERIAL THAT MAY BECOME LODGED IN THE LUNGS.  
 Karl Z. Morgan. Aug. 2, 1948. Decl. July 29, 1955. 15p.  
 (CF-48-8-86) UNCLASSIFIED

MINUTES OF THE RADIATION HAZARDS COMMITTEE MEETING, SEPTEMBER 28,  
 1948. William H. Ray. Oct. 7, 1948. Decl. Feb. 20, 1957. 4p.  
 (CF-48-10-78) UNCLASSIFIED

THE PARTICLE PROBLEM AT OAK RIDGE NATIONAL LABORATORY; AN HISTORICAL  
 SUMMARY. Dec. 30, 1948. Decl. Dec. 28, 1955. 22p. (CF-49-1-49)  
 UNCLASSIFIED

ATMOSPHERIC CONTAMINATION SURVEY OAK RIDGE NATIONAL LABORATORY.  
 W. G. Stockdale. Feb. 10, 1949. Decl. Jan. 14, 1956. 47p.  
 (CF-49-2-185) UNCLASSIFIED

ARGON ACTIVITY IN REACTOR COOLING AIR. J. A. Lane. Nov. 17, 1949.  
 Decl. Feb. 14, 1956. 4p. (CF-49-11-180) UNCLASSIFIED \$1.80(ph OTS);  
 \$1.80(mf OTS).

WASTE AND DISPOSAL SYSTEM. J. E. Kuster. Oct. 1, 1956. 11p.  
 (CF-56-10-15) UNCLASSIFIED \$3.30(ph OTS); \$2.40(mf OTS).

REVIEW OF AIR MONITORING PROCEDURES AT CLINTON LABORATORIES.  
 H. M. Parker. September, 1944. Decl. Nov. 20, 1946. 11p.  
 (MDDC-471; CH-2562) UNCLASSIFIED

AIR MONITORING AT SITE "X". J. S. Cheka. June 31, 1945.  
 Decl. June 14, 1954. 25p. (CH-3332) UNCLASSIFIED



Oak Ridge National Lab., Tenn.

ACTIVITIES IN THE OFF-GAS FROM THE METAL SOLUTION STEP. (Final report on Problem Assignment No. 242-X8P). W. R. Kanne and G. M. Branch. May 15, 1944. Decl. Jan. 24, 1957. 19p. (CN-1615; A-2293) UNCLASSIFIED

PHYSICS RESEARCH. Report for Month Ending November 27, 1943. H. W. Newson, et al. Decl. Feb. 8, 1956. 34p. (CP-1081; A-1470) UNCLASSIFIED

PHYSICS SECTIONS I AND III. Semimonthly Report for Period Ending February 29, 1944. H. W. Newson, L. W. Nordheim, et al. Decl. Jan. 31, 1956. 12p. (CP-1295) UNCLASSIFIED

TECHNICAL DIVISION REPORT FOR PERIOD NOVEMBER 20 - DECEMBER 20, 1944. Dec. 26, 1944. Decl. April 17, 1957. 6p. (M-2153) UNCLASSIFIED

A FLOW-TYPE IONIZATION CHAMBER FOR MEASUREMENT OF ACTIVITY IN LOW-ENERGY BETA EMITTING GASES. R. L. Quinn. Aug. 1, 1951. 12p. (Y-791) UNCLASSIFIED

Phillips Petroleum Co. Atomic Energy Div., Idaho Falls, Idaho.

OPERATING MANUAL FOR THE MTR. SECTION TWO--EXCLUSION AREA MATERIALS TESTING REACTOR. Dec. 1953. Decl. with deletions Aug. 22, 1955. 386p. (AEC-3678) UNCLASSIFIED \$63.00(ph OTS); \$11.10(mf OTS).

Radiation Inst. Branch. Washington. Div. of Production, AEC. SUMMARY OF SYMPOSIUM ON AIRBORNE PARTICLE CONTAMINANTS HELD JANUARY 25 AND 26, 1949 AT NEW YORK OPERATIONS OFFICE. J. W. Hitch. (n.d.) Decl. Feb. 6, 1956. 17p. (RIB-3) UNCLASSIFIED

Stack Gas Problem Working Group, AEC.

REPORT OF AND PAPERS PRESENTED AT THE 3rd MEETING OF THE STACK GAS DECONTAMINATION WORKING GROUP; HELD JANUARY 12, 1949 AT THE ACADEMY OF SCIENCES BUILDING. (n.d.) Decl. with deletions March 7, 1957. 88p. (M-4400(Del.)) UNCLASSIFIED \$13.80(ph OTS); \$4.80(mf OTS).

United Kingdom Atomic Energy Authority Research Group.

Atomic Energy Research Establishment, Harwell, Berks, England. THE DISSEMINATION OF RADIOACTIVE DUST FROM THE MODIFIED INCINERATOR PLANT. R. F. Hounam and R. D. Witten. Oct. 30, 1951. 6p. (AERE-HP/M-29) UNCLASSIFIED



Vitro Corp. of America, New York.  
 DETAILED PROJECT STATUS REPORT; MEASUREMENT OF MONITORING OF WASTE GAS  
 RADIOACTIVITY. G. I. Staber. Aug. 31, 1949. Decl. Jan. 17, 1956. 16p.  
 (KLX-65) UNCLASSIFIED

Westinghouse Electric Corp. Atomic Power Dept., Pittsburgh.  
 PWR PREOPERATIONAL RADIATION MONITORING PROGRAM. Preliminary Report.  
 Mar. 21, 1956. 7p. (WAPD-GTA-IH-87) UNCLASSIFIED \$1.80(ph OTS);  
 \$1.80(mf OTS).

#### CLASSIFIED REFERENCES

Atomic Energy of Canada Ltd. Chalk River Project,  
Chalk River, Ont.

AN ESTIMATE OF THE AMOUNT OF ACTIVITY EMITTED FROM BUILDING 100 STACK ON  
 DECEMBER 12, 1952. W. G. Cross and S. A. Kusheneriuk. July 8, 1953. 10p.  
 (CR-RHC-545) SECRET

... INVESTIGATION OF GASEOUS AND PARTICULATE ACTIVITY IN THE AIR  
 EFFLUENT OF THE N.R.X. PILE; INTERIM REPORT ON. G. E. McMurtrie.  
 Jan. 1950. Changed to OFFICIAL USE ONLY Mar. 23, 1956. 19p.  
 (HRI-1) OFFICIAL USE ONLY

General Electric Co. Hanford Atomic Products Operation,  
Richland, Washington.

REVIEW OF THE STACK DISCHARGE ACTIVE PARTICLE CONTAMINATION PROBLEM.  
 H. M. Parker. Mar. 22, 1948. 42p. (HW-9259) SECRET

RADIOACTIVE PARTICLE INVESTIGATION. R. C. Thorburn. June 11, 1948.  
 32p. (HW-10261) SECRET

LONG-LIVED FISSION ACTIVITIES IN THE STACK GASES AND VEGETATION AT THE  
 HANFORD WORKS. J. W. Healy. Aug. 17, 1948. 21p. (HW-10758) SECRET

DECONTAMINATION OF SEPARATION PLANT VENTILATION AIR. J. B. Work.  
 Nov. 10, 1948. 33p. (HW-11529) SECRET

DISSOLVING OF TWENTY DAY METAL AT HANFORD. W. E. Harlan, D. E. Jenne,  
 and J. W. Healy. May 1, 1950. 130p. (HW-17381) SECRET-RD  
 Charge \$21.93(ph); \$0.20(mc).



UNCLASSIFIED

8

General Electric Co. Hanford Atomic Products Operation,  
Richland, Wash.

H. I. ENVIRONS REPORTS FOR THE MONTH OF JUNE, 1950. W. Singlevich.  
July 5, 1950. Changed to OFFICIAL USE ONLY Jan. 5, 1956. 30p.  
(HW-18242) OFFICIAL USE ONLY

QUARTERLY PROGRESS REPORT RESEARCH AND DEVELOPMENT ACTIVITIES FOR  
JULY - SEPTEMBER, 1951; RADIOLOGICAL SCIENCES DEPARTMENT. H. M.  
Parker, Director. Nov. 1, 1951. 35p. (HW-22576) CONFIDENTIAL

PUREX FACILITY--CONTINUOUS IODINE MONITORS FOR VENT SYSTEM AND  
DISSOLVER OFF-GAS SILVER REACTORS. Lyle L. Zahn. June 13, 1955.  
16p. (HW-37128) SECRET-RD Charge \$2.72(ph); \$0.20(mc).

CONTINUOUS GAMMA SCINTILLATION MONITOR FOR IODINE<sup>131</sup> IN DISSOLVER  
OFF-GAS AND VESSEL VENT SYSTEM. W. N. Carson. Aug. 4, 1955. 8p.  
(HW-38483) CONFIDENTIAL-RD Charge \$1.36(ph); \$0.20(mc).

ACTIVITIES DISCHARGED INTO THE ATMOSPHERE. R. S. Apple. June 18, 1946.  
6p. (HW-7-4275) SECRET

EFFECTS ON SURROUNDING AREAS CAUSED BY THE OPERATIONS OF THE HANFORD  
ENGINEER WORKS. C. C. Gamertsfelder. Mar. 11, 1947. 10p. (HW-7-5934)  
SECRET

DISPOSAL OF SEPARATION PLANT OFF-GASES. J. B. Work. Dec. 18, 1946. 11p.  
(M-3491; HW-7-5520) SECRET

STATUS REPORT - STACK GAS DISPOSAL. A. Armstrong, Jr. Feb. 19, 1948.  
9p. (M-4261) SECRET

Knolls Atomic Power Lab., Schenectady, N. Y.  
HEALTH PHYSICS REPORT FOR OCTOBER, NOVEMBER, DECEMBER 1953.  
Mar. 10, 1954. 35p. (KAPL-1048) CONFIDENTIAL

Naval Radiological Defense Lab., San Francisco.  
SYMPOSIUM ON COLLECTION AND MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS;  
TRIP REPORT. Francis R. Holden. Feb. 28, 1949. 15p. (NR-FRH-49)  
SECRET

UNCLASSIFIED



UNCLASSIFIED

9

Oak Ridge National Lab., Tenn.

TECHNICAL DIVISION. REPORT FOR MONTH ENDING NOVEMBER 20, 1944. 16p.  
M. C. Leverett. (N-1745; CF-44-11-385) SECRET

AN AERIAL SURVEY OF RADIOACTIVITY ASSOCIATED WITH ATOMIC ENERGY  
PLANTS. (Final Report on Afloat-1 Special Projects PF/34 and W58/  
N/WB) F. J. Davis, W. E. Harlan, R. L. Kane, P. W. Reinhardt,  
and P. A. Humphrey. Apr. 13, 1949. 165p. (ORNL-341) SECRET

Stack Gas Problem Working Group, AEC.  
COMPILATION OF PAPERS PRESENTED AT THE MEETING OF THE STACK-  
GAS PROBLEM WORKING GROUP, JUNE 21 AND 22, 1949. (n.d.) 86p.  
(WASH-7) SECRET

UNCLASSIFIED

002 010